



THE BLURB

PHILMONT MOBILE RADIO CLUB INC.



WELCOME THE NEW EDITOR *and* HIS
EAGER MEAGER STAFF!

THE BLURB

Published Monthly by the
Phil-Mont Mobile Radio Club

EDITOR

R. G. Schmilewske, K3KUD Tel. TU 4-1884
528 Melody Lane
Glenside, Pa.

STAFF

Publisher W3PST
Cartoonist 3QO167 - W3YHV
Contributing Editors W3UMK - W3ZPP
K3GNJ - K3GNM
New members chairman W3CDY

CIRCULATION AND PRINTING

Superintendent K3GNJ
Boss Stitcher W3VVS
Collator W3QQH

The "Blurb" is published by and for the members of Phil-Mont to further the interest of Amateur Radio in general and mobile Radio in particular. We endeavor to keep the news accurate, interesting and in a small way educational. Copying and quoting is permitted, provided credit lines are included. Commercial use is not permitted and subscriptions are gladly exchanged with other radio clubs.

DEADLINES

The "Blurb" is mailed on the last Monday of the month. All material for the "Blurb" must be received by the Editor, K3KUD before the 15th of the month.

1961 CLUB OFFICERS

Pres. Lloyd Sherman W3CDY
V. Pres. Chas. Greenwood W3GOW
Treas. Bob Diefenderfer K3DJE
Sec. Enos Bartol K3GNJ
Ed. of Dir: W3's, NIP, VVS, QQH, AWH,
AK, DSG, WNC and all
1962 club officers

MEETINGS

Regular meetings are normally held on the 1st Monday of the month. Check the calendar at right for the exact date. Meetings are held at the FRANKLIN INSTITUTE at 21st and the Parkway, starting at 2000 hours (8:00 P.M.)

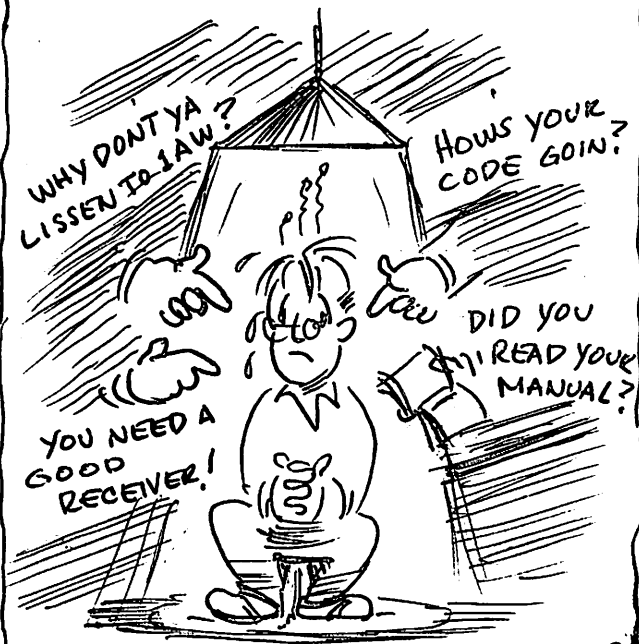
NET AND NET FREQUENCIES

Ch 1 - 29493 Kcs. Ch 3 - Unassigned
Ch 2 - 29629 Kcs. Ch 4-50.7 Mcs.
Scrambled Egg Net 0730 - 0830
Weekdays
Ten on Ten Sundays 1000 - 1100
Blarney sessions any - Ch 1 or 2
time
29493 Monitored daily 0930 - 2400
for the benefit of mobiles in the Phila.
area.

PMRC CALENDAR

Sam's CORNER

PHILMONTERS "BREAKING"
A CITIZEN BANDER, INTO
A "HAM"



THE PREZ SEZ

The month of May takes many families out of doors. Out of doors usually leads us to the car in the traditional American way. Traditional because we ride rather than walk - yes, we are Mobile. For a Phil-Monter this means the family chariot has a rig in it. With the weekend coming up, the buggy gets a wash and probably the overdue polish job.

As you settle down behind the wheel and peer over the hood, you delight in the colorful luster and looking ahead, you see more of the green of Spring. Added to the green, so evident everywhere, is more color in the blossoms and flowers. There, however, is the rig, spurting forth every bit of Phil-Mont it can screen from the ever present noises. It's not exactly Hi-Fi, but it has a certain colorful tone. That color is there only because you hear and talk with the same operators you met at Phil-Mont. The same boys you talk to from home. Now they stay right with you, as you, the XYL and the harmonics go cruising down the lane.

What a joy to be mobile on a sunny spring day, taking the family and amateur radio with you. That colorful hobby that never grows old and now blossoms anew on the Spring when you go mobile.

More Americans, every year, spend more time in their cars. That means more and more hams spend more time with their hobby as they go mobile.

As Spring was ushered in, we in Phil-Mont added new color to the hobby by our participation in color TV. This was a truly great experience for all of us. It is regrettable that more of the membership could not participate.

Speaking from a personal point of view, to represent the Club was indeed a privilege. To have friends, neighbors and near strangers pause and comment on having watched the show was worth more than can be expressed. The fine constructive criticism that was offered was more than I'll ever be able to comprehend. Possibly the reason for this is best explained this way. After the show was produced, I had an opportunity to view and hear it. It was now that I saw and heard myself as you see me. It is indeed a shocking experience. I know now what the remark means, "If you could only see yourself." Yes, even in color.

I cannot help but say, "Chuck, W3NIP, you did a fine job, and to you and everyone who played even the smallest role behind the scenes, my most sincere thanks."

I must also thank Art, W3GJA, and the boys of the EPA Fone Net for their effort in spreading the news. Reports have it that many more viewed the show thru their efforts. On behalf of Phil-Mont, my hearty thanks.

Maybe this was another first for Ham Radio, thru Phil-Mont?

de W3CDY

COMMUNICATIONS SATELLITE

Target date for launching of the newest communications satellite is May 22. Bell Telephone and ATT are the backers. Cost will be about three and one-half million dollars for construction and launching. Receivers in the satellite will be on 6390 Mc. and transmitter will be two and one quarter watts at 4170 Mc. Tracking signals will be one quarter watt on 136 Mc.

* * *

LIGHTS! ACTION! CAMERA!

Phil-Mont's venture into TV via WRCV-TV on Saturday, March 24, was apparently a success. Many favorable comments have been heard by your editor and, of course, this is the reward for all the work that was done by the committee. Congratulations to W3NIP and the group that worked so hard to score again for Phil-Mont.

* * * * *

SPLATTER

This month the "Blurb" is new! New type, new format and new staff. This new look is one step toward making the "Blurb" as fine a publication as is possible -- typical of the fine club it represents. With the expanded editorial staff, we hope to make the content at least as good as the appearance; however, like most club projects, we need the cooperation of all the members. News, suggestions and comments are welcome and solicited. All we ask is that all material be in the hands of the editor not later than the Mid-Month Meeting.

Editorially, we'll do our best, but as they say in show business, W3ZPP will be a "tough act to follow".

* * * * *

PHIL-MONT FROM W3TKQ VIA W3ADV

Well fellows, the grand opening of the new station is all set for Saturday, May 19, 1962. As of this moment, it will be at 10:00 A.M. - one hour before the Museum is open for visitors. All arrangements for opening ceremonies have been placed in the hands of W3AWH, W3JYA and Mr. Hollingsworth of the Franklin Institute. By the time you read this in the "Blurb", everything should be hooked up and working. The SSB Frequency will be 29.439 Mcs.

Since the new equipment was on view for the last monthly meeting, I know all of you join me in congratulating W3QQH for the fine job in making the new enclosure -- many thanks, Spence!

I hope that everyone will be on hand for the opening--let's make it a great affair!

F. C. C. LICENSE FEE -- WRITE NOW!

The date for writing to F.C.C. concerning proposed license fees has been extended to May 16th.

Now is the time for each individual to write making your feelings on Docket 14507 known. You must send an original and fourteen copies.

I am opposed to this fee for several reasons:-

1. Amateurs are already doing their share by conducting Novice , Technician and Conditional License Examinations.
2. The TVI Committees take a load off F. C. C.
3. Amateurs police their own frequencies.
4. Without the amateur, Civil Defense Communications would be a lot more costlier to Governments.
5. Hams create much goodwill by DX Contacts.
6. Plus the fact that some youngsters trying to get started might not have the fee so handy -- and how about the old timers on pension?

At a time when our Country is trying to improve our sciences and educations, this could only deter the program by putting our hobby out of reach of some, especially if fees grow.

TEN METER TECHNICIAN BAND

A movement is afoot to obtain operating privileges in the 29.0-29.7 Mc. portion of the 10 meter band for Technician Class license holders. This is sponsored by a group calling themselves "Technicians on Ten" and using WA6RAX and WA6BZA as the letterhead calls. ARRL is going to examine the advisability of supporting such a proposal at the May, 1962, meeting. The Editor feels that until the upper 2 megacycles of the 6 meter band shows a little more activity, there is little to be gained in giving away any part of the 10 meter, or any other band. If such a move should be successful, the next step could be part of the 20, 40 and 80 meter bands, thus removing any incentive that remains for a ham to go after a General Class ticket. In addition to the above, I am sure that International Regulations will enter the picture as far as required code speed goes. It might be wise to watch this trend however, just to see its ultimate outcome.

READING RADIO CLUB BANQUET

Sixteen Phil-Mont members, XYL's and associates made up two full tables at the Reading Radio Club's annual banquet, Saturday night, March 31, 1962. Other out-of-town visitors included a table of hams from the Keystone V H F Club, representatives of Lancaster and Allentown radio groups. The Anniversary Room of the Crystal Restaurant in Reading was the site, with a good-size bar at one end of the room and the platform for the dance band at the other.

Festivities started almost on schedule, and all agreed that the banquet fare was very well served -- as well as delicious. One commentator said it was the first time he had had piping hot mashed potatoes at such an affair, and others commented on the excellent coffee, and the frequent cup refilling that took place.

All the PMRC representatives said that they were made to feel right at home. Many have made new acquaintances which it is hoped will develop into lasting friendships. Many members of both clubs remarked on Howard's, IGW, absence. More than one Reading R.C. member said they had taken some of their ideas from PMRC banquet arrangements. The ladies brought home a bevy of prizes, and UMK, the first prize winner at the last PMRC banquet, copped fifth prize and brought home a luscious two meter converter which was described in the December 1959 issue of QST. Of his trials and tribulations in getting CDY, HWX, and YAJ to Reading - the less said the better; however, Jon reports that they arrived just in time to eat, so WNC's and other's efforts were not in vain!

All present agreed that they had a wonderful evening, and Ed Clegg, the Guest of Honor, spoke very briefly both before and after being presented with a birthday cake. Incidentally, the first prize was a Clegg 99'er.

— PRIZES —

The Reading Banquet

	<u>XYL's and YL's</u>
W3UMK -- 417A- 2 Meter Convertor \$120.00	K3DJE - Ada - Evening Bag
W3DSG -- ARRL Handbook	K3GNJ - Tina - Coffee Pot
W3CRW -- Call Book	W3DSG - Rose - Salt & Pepper Shaker
K3GNJ -- Computer Chart	W3DJW - Sharon - Earrings

* * *

Almo Radio Company is rejuvenating its Amateur Radio Department, John Llopes, W3GJF formerly of AG Radio is heading up the program which will be in effect in all stores. John invites all amateurs to drop a post card to him at 913 Arch Street, Philadelphia, requesting that their names be put on the mailing list for QSO, a new monthly publication.

CHANNEL CHATTER

Sunday, March the 25th--K3HIJ, Joe was heard at 9:30 in the morning answering "BATTLE KING ONE", his transmission was "Try it again, I didn't get your call."

While Sam---George Baker Able was testing a carbon mike on channel last Sunday---and asking for reports, someone said, "Sam, it sounds like a modulated door bell button".

W3CHZ, Walt is doing a real good job with the ORANGE JUICE NET. He is also on frequency in the evening to cheer up the boys on their way home. Not to mention his daily weather reports -- Fine job, Walt!

By the time you read this, Woody, W3PST, should be home after having a "sharp" time in Pennsylvania Hospital.

North Penn Banquet - May 12th, 1962 - Souderton Fire House. Reservations and tickets from W3BPM at \$3.50 per person. (Advance reservations only!) Dancing and country style dinner!

On May 16, 1962, the Mt. Airy VHF Society will have Ed Tilton as Guest Speaker at the Jewish Community Center, Sedgewick and Thouron Streets, West Oak Lane.

Tom Dix, K1PNO, a former Phil-monter, has returned to this area and will be heard on single-sideband very soon. Tom was at Mid-Month.

The April Meeting of the Club brought out twenty visitors, including two from Chicago, one from New York and one from New Mexico. This is really fine, and we're all most happy that we have something to offer to fellows who are away from home.

FLASH !

OSCAR II To be soon launched at Vandenburg.

(Note:) Oscar I reaped over 5000 tracing reports from 600 stations in thirty-one foreign countries.

NEW MEMBERS:-

W3DGG - Don Kling - 7634 Sherwood Road - Philadelphia 51, Pa.
W3KL - Bill Weisbord - 4949 Parkside Avenue, Philadelphia, Pa.
K3RKH - Handle and QTH not available at time of going to press --
Sorry!

NEW APPLICATION FOR MEMBERSHIP

Mr. Walter R. Babshaw-W3ZEH (Handle-"Bob")
350 Kent Road
Broomall, Penna.
Home Phone: EL 6-5565

Employed by: Otis Elevator Company
502 North 19th Street
Philadelphia, Pennsylvania

Type of work: Elevator Construction

Sponsored by: Jim Hartman -- W3JYA
Jonathan Balch -- K3HWX

NEW PRODUCTS

Tube type 7984 - GE - Equal or better compactron variation of the 6146. Has much improved VHF performance. Rated at 46 watts out on two meters, compared to 35 watts for the 6146. Tube stands 2 1/2 " high and is single-ended. Leads up to 1/2" shorter lead to more stable operation. Filament 13.5 volts, .58 amp. Plate dissipation is 35 watts compared to 25 watts for the 6146. Price about \$6.00. Available August 1, 1962.

Tube type 7983 - Fast warm-up twin tetrode. This unit incorporates a new directly heated ribbon cathode. Designed for mobile use, it will provide about 15 watts output at 200 Mc. Amperex states that it compares to the 6360.

NEW HANDBOOK AVAILABLE

GE announces the availability of a new handbook on receiving tubes, TV picture tubes and replacement capacitors. In this 300 page book are the characteristics of GE's new universal replacement capacitors, cross reference of prototypes of "Five Star" high reliability tubes and other special purpose types, and a listing of GE Service Aids such as Twin X Wrenches, wire stripper, soldering gun and iron holders, etc. Available through authorized receiving tube distributors or director from the General Electric warehouse, 3800 N. Milwaukee Avenue., Chicago, Ill.

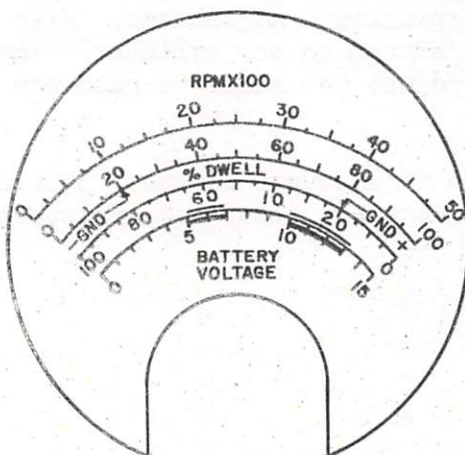
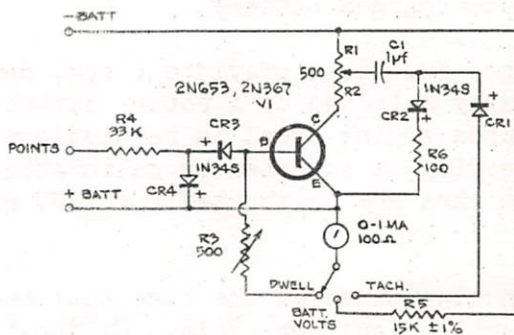
Price - \$1.50 (GE Publication #ETR-15J)

PHILMONT TEK-NI-GRAM

MAY 1962

ELECTRONIC ENGINE ANALYZER

CONTRIBUTED BY K3GNM



If you are the type of person that likes to tinker with his automobile, here is an electronics project that will help you analyze your automotive problems. This one transistor instrument, will indicate malfunctioning of worn spark plugs, worn or incorrectly set distributor points, maladjustment of the voltage regulator, defective generator and shorted, weak or overcharged battery.

There are three functions provided (rpm, dwell, battery voltage) that are individually selected by a rotary switch. The Tachometer or rpm function measures engine speed in revolutions per minute (rpm). The maximum rpm reading is adjusted by calibrating control (500 ohm R1 and R2). American cars are calibrated for 5000 rpm and foreign cars for 8000 rpm.

The dwell function measures the time that the points are closed relative to the entire ignition cycle. Calibration is accomplished with the engine stopped and the points closed. Adjustment is made for full scale deflection (R3-500 ohm).

The rpm circuit is the only one that requires auxiliary equipment for calibration. The most convenient method is to calibrate your equipment against a mechanical or electrical tachometer. If there is a timing light and a sweep second hand watch available to you, it is possible to obtain an approximate adjustment. With the engine at idle speed, count the ignitions/second on any cylinder. The light will light every other revolution. Adjust the scale to read the revolutions/minute computed.

The meter scale is adequate for most 3 inch meters and it is preferable that the meter movement be of low resistance.

SWAP AND SHOP

For sale: one (1) Kw rig - Pair 4-400's modulated with Pr 250. This rig capable of several Kw - Never run over 50 WPM
K 3H WX-29.493 Mc.

For sale: Transcon type 10 m mobile (converter and xmtr) - no power supply; requires 300 v B plus and 12 v Fils. \$20.00
K3KDP - Hilltop 9-2035

For sale: Hornet 3El. Beam - Tribander TB600. Slight damage in March 1962. Can be put in mint condition with a couple of pieces of aluminum tubing or about \$12.00 for parts if purchased from Hornet. \$35.00
W3WFI-TR-7-0003

For sale: Gonset G-50 6 meter transceiver. Excellent condition. \$225.00
K3KUD - TU 4-1884

For sale: 1-Elmac AF67, has 6 meters instead of 160, with push to talk mike
1-Elmac PMR-6, 12 volts with TNS
1-AC Power supply for above xmtr and recvr. 600v @ 200 ma; 285 v @ 150 ma; 12v DC for ant relay in xmtr and relays in power supply
1-Philmont coaxial antenna
1-PMR-6, 12 v mobile supply
1-Hallicrafters 12v DC power supply, dual output-LV Vibrator supply 250 v @ 75 ma.; HV Dynamotor 350 v @ 175 ma.-all relay controlled.
1-Military version of Hammerlund HQ-120 receiver - 600 Kc-31 mc.
W3VSU--Ma 6-9103

For sale: 10 meter, 3 element Hy-Gain beam; 40 feet of telescoping steel mast with guys. \$25.00
K3IPB -- TU 4-0673

For sale: Gonset Communicator II-B, 2 meter, 12/11 volt \$125.00
Gonset VHF Power Amplifier, 2 meter linear #3063 75.00
Globe VFO, Model 6-2, 2 & 6 meter, factory wired 25.00
417 A Converter, 2 meter, 14 to 18 mc. output 25.00
Hy-Gain 8 Element Model 68-G, 6 meter BEAM (12 db) 13.00
Hy-Gain 10 Element Model 210, 2 meter BEAM 6.00
Phone or write Alan F. Kehr - W3UZF, Turner 6-6919
1209 Dixon Lane, Rydal, Penna.

For sale: 1-DX 100 & Calrad-500c Dual crystal mike es instruction book. \$160.00
Phone or write Howard R. Harding - W3MAT, EL 7-6202
623 Avenue D, Trevoise, Penna.